

Application No. 10/826,754
Response dated January 10, 2006
Reply to Office Action of October 17, 2005

Listing of the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

CLAIMS:

1. (Previously Presented) An electronic device comprising:

an altimeter comprising a barometric pressure sensor and operable to determine an altitude of the electronic device;

a GPS unit operable to determine an altitude of the electronic device; and

a housing for housing said altimeter and said GPS unit, wherein said device is operable to calibrate said altimeter while said device is in motion, and wherein calibration of the altimeter accounts for any dynamic changes of the altitude as determined by the altimeter and the altitude as determined by the GPS unit when the altimeter and GPS unit are moved in tandem.

2. (Original) The electronic device as set forth in claim 1, wherein the device continuously calibrates the altimeter.

3-5. (Canceled)

Application No. 10/826,754
Response dated January 10, 2006
Reply to Office Action of October 17, 2005

6. (Original) The electronic device as set forth in claim 1, wherein the housing is portable and handheld.

7. (Previously Presented) An electronic device comprising:

an altimeter for determining a first altitude of the electronic device;

a GPS receiver for receiving satellite signals from a plurality of satellites; and

a processor coupled with the GPS receiver and the altimeter for calculating a

location of the electronic device as a function of the satellite signals, the

location including a second altitude reading of the electronic device, such

that the processor is operable to calibrate the altimeter while the electronic

device is in motion by accounting for dynamic changes between the first and

the second altitude readings.

8. (Previously Presented) The electronic device as set forth in claim 7, wherein the device continuously calibrates the altimeter.

9. (Previously Presented) The electronic device as set forth in claim 8, wherein the altimeter includes a barometric pressure sensor.